

What is claimed is:

1. A liquid supply apparatus for occupants of a vehicle having a dashboard and a structure,
the apparatus comprising:

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a liquid supply reservoir, the liquid supply reservoir being disposed in the structure of
such vehicle;

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a thermoelectric liquid heat exchanger disposed in such structure of such vehicle, the
thermoelectric liquid heat exchanger having an operative liquid connection from the
liquid supply reservoir, whereby liquid within such operative liquid connection may have
its heat content altered by the thermoelectric liquid heat exchanger;

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a liquid dispenser having a first position on the exterior of such dashboard of such
vehicle, the liquid dispenser having an operative liquid connection from the
thermoelectric liquid heat exchanger; and

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a pump disposed in such structure of such vehicle and operatively connected to at least
one of the liquid connections, whereby liquid may be urged to pass from the reservoir
through the thermoelectric liquid heat exchanger to the liquid dispenser, wherein
the liquid connections are disposed inside of such structure of such vehicle.

2. The liquid supply apparatus of claim 1, wherein the liquid dispenser has a second position concealing the liquid dispenser within such vehicle dashboard.

3. The liquid supply apparatus of claim 2, wherein the liquid dispenser retracts into the dashboard in the second position, and extends out of the dashboard in the first position.

4. The liquid supply apparatus of claim 2, wherein the liquid dispenser folds between the first and second positions.

5. The liquid supply apparatus of claim 2, wherein the liquid dispenser slides between the first and second positions.

6. The liquid supply apparatus of claim 2, wherein the liquid dispenser further comprises a door, and further wherein when the door is in an open position, the liquid dispenser is in the first position, and when the door is in a closed position, the liquid dispenser is in the second position.

7. The liquid supply apparatus of claim 1, wherein the reservoir has an esthetically pleasing exterior.

8. The liquid supply apparatus of claim 1, wherein the reservoir has an exterior appearance similar to a home appliance.

9. The liquid supply apparatus of claim 1, wherein the pump is an electrical pump having a directly wired operative electrical connection to the vehicle electrical system.

10. The liquid supply apparatus of claim 1, wherein the pump is a mechanical pump powered by the mechanical energy of the engine.

11. The liquid supply apparatus of claim 9, further comprising:

a first switch having a first position in which it provides electrical energy to the pump and a second position in which it prevents flow of electrical energy, and

a second switch in series with the first switch, the second switch having a default position in which it prevents flow of electrical energy, the second switch disposed upon the liquid dispenser and dimensioned and configured such that when the liquid dispenser is used by an occupant of such vehicle, the second switch is activated to provide electrical energy to the pump.

12. The liquid supply apparatus of claim 1, wherein the first switch is the vehicle ignition switch.

13. The liquid supply apparatus of claim 1, wherein the first switch is mounted on the driver's side door.

14. The liquid supply apparatus of claim 1, wherein each of the operative liquid connections further comprises:

a conduit having a hollow core and two ends, and

each end further comprises a adapter having a first connected position and a second

5 disconnected position.

15. The liquid supply apparatus of claim 1, wherein the thermoelectric liquid heat exchanger has a directly wired operative electrical connection to the vehicle electrical system,

whereby when the vehicle electrical system is on, the thermoelectric liquid heat

10 exchanger receives electrical energy from the vehicle electrical system.